

(No Model.)

2 Sheets—Sheet 1.

W. P. MYER.  
Elevator Bucket.

No. 238,801.

Patented March 15, 1881.

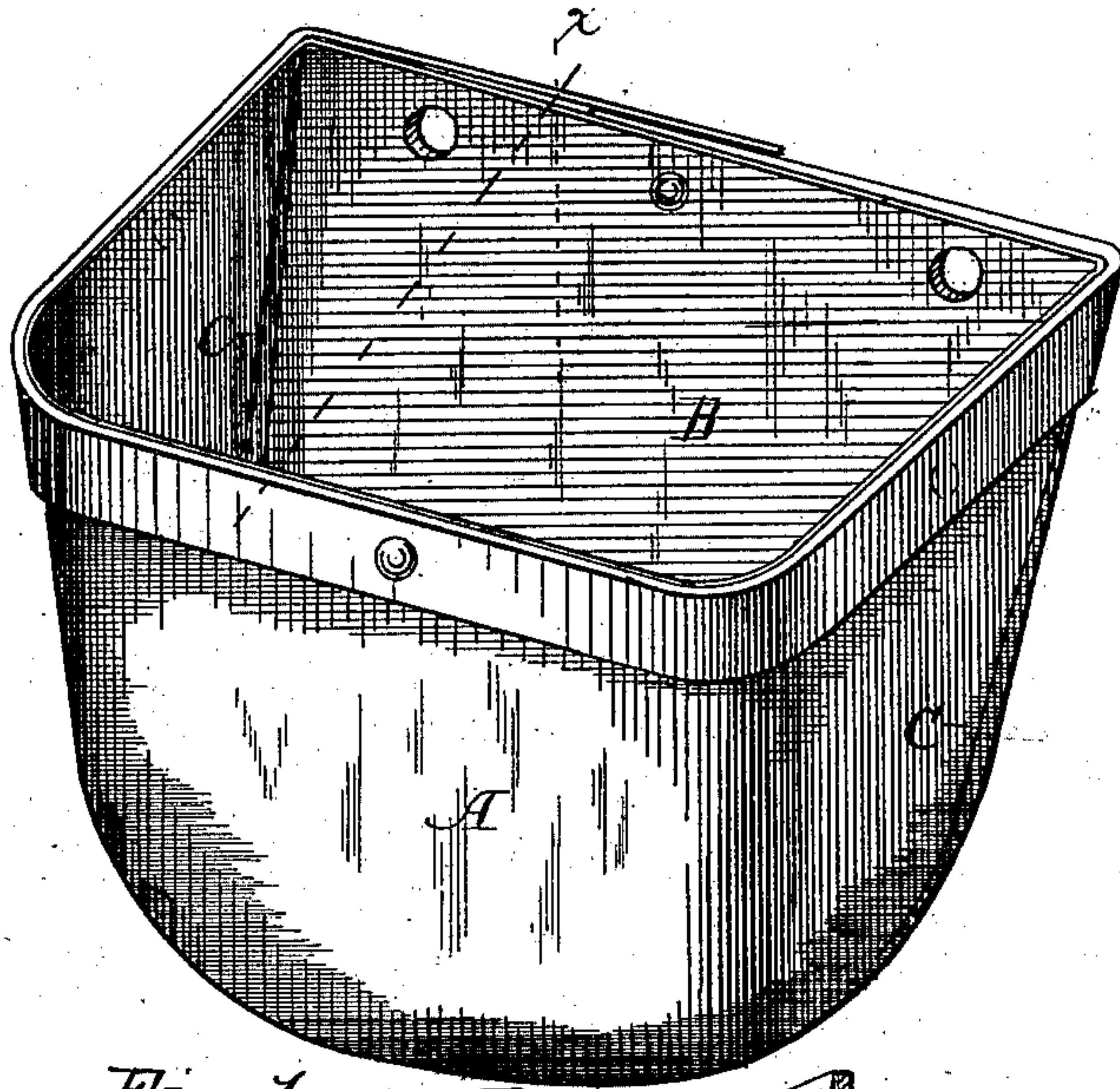


Fig. 1.

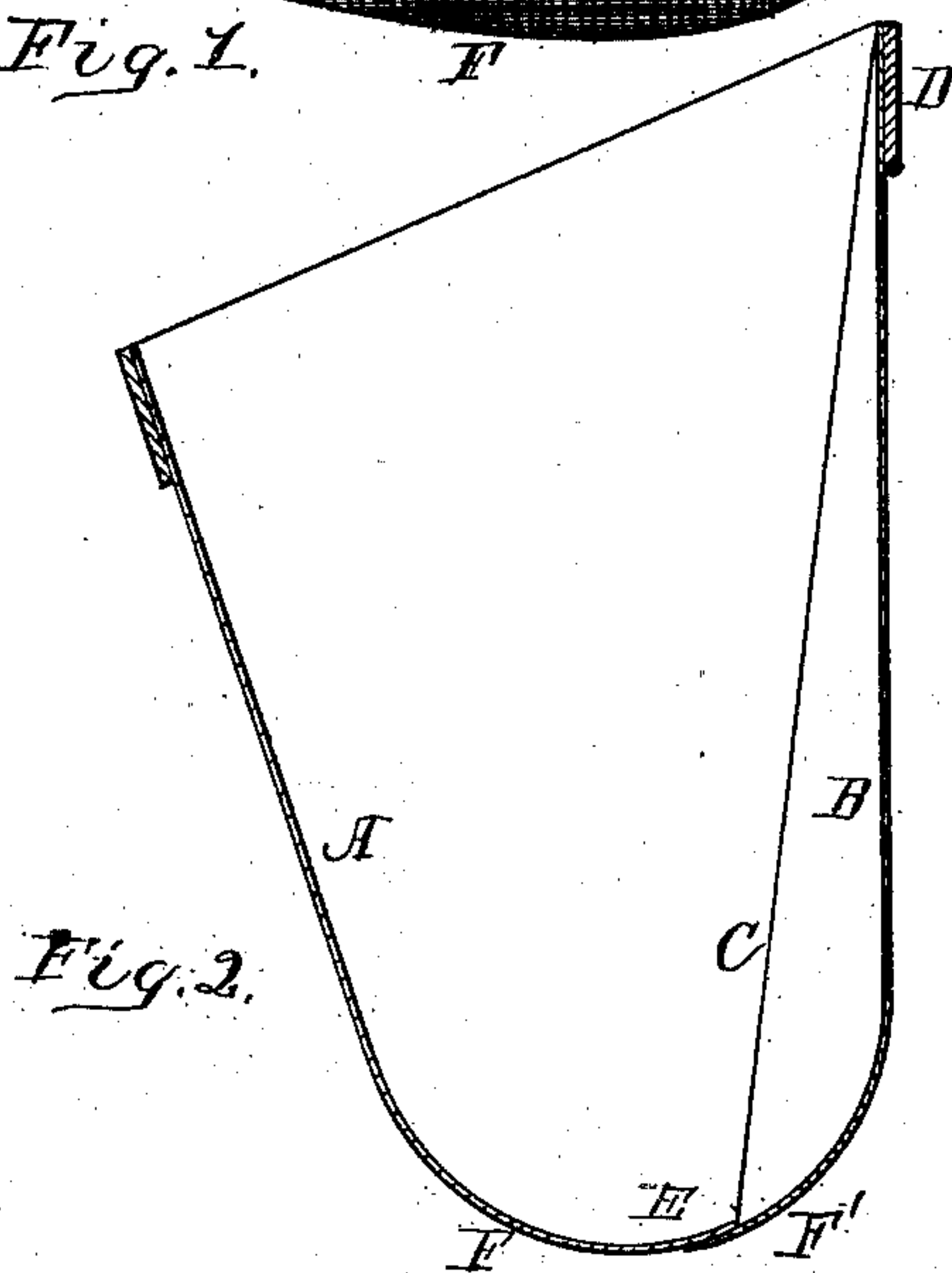


Fig. 2.

WITNESSES:

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S. S. Hobbs

INVENTOR :

William P. Myer

BY

J. S. Zerbe

ATTORNEY.

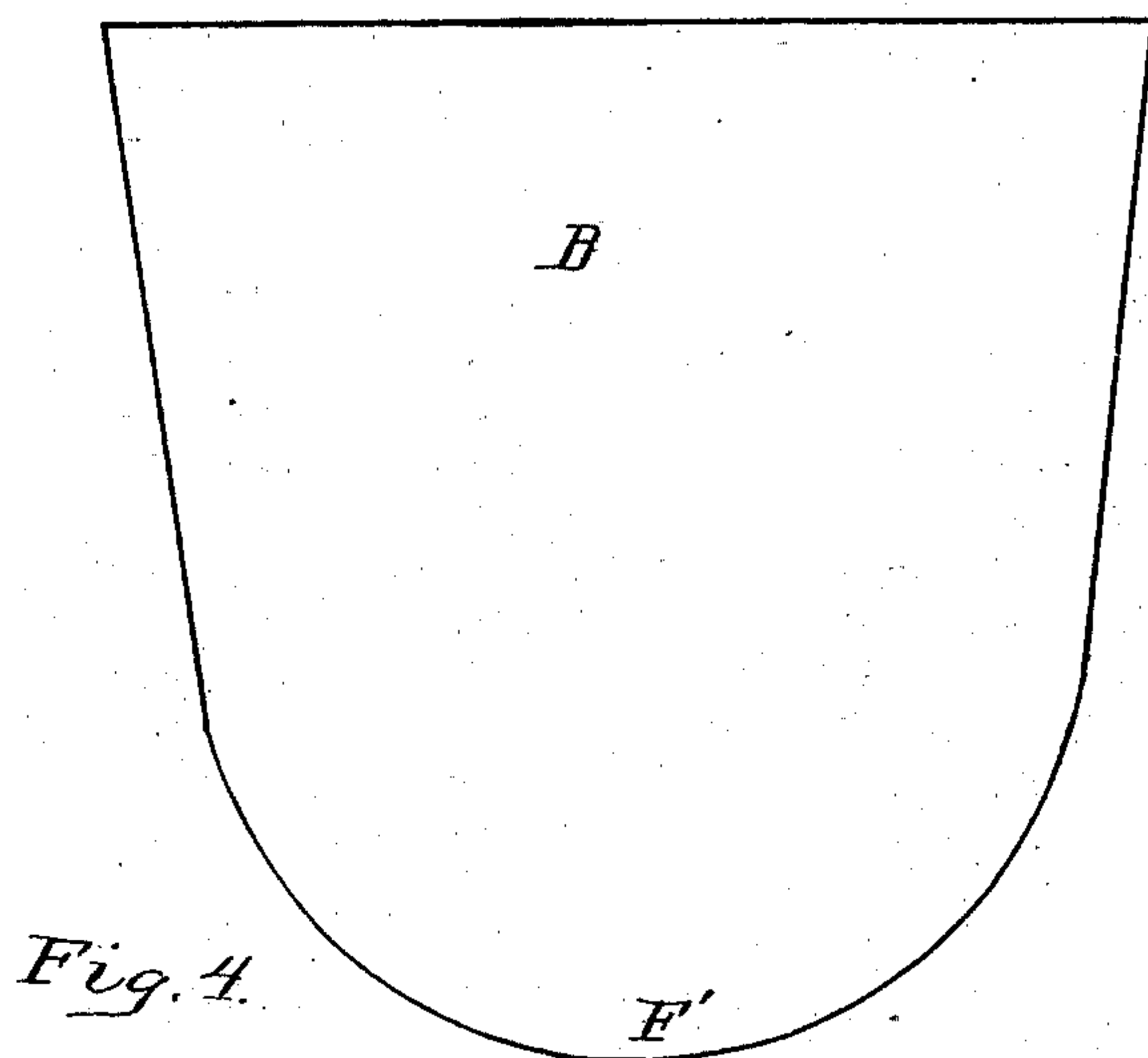
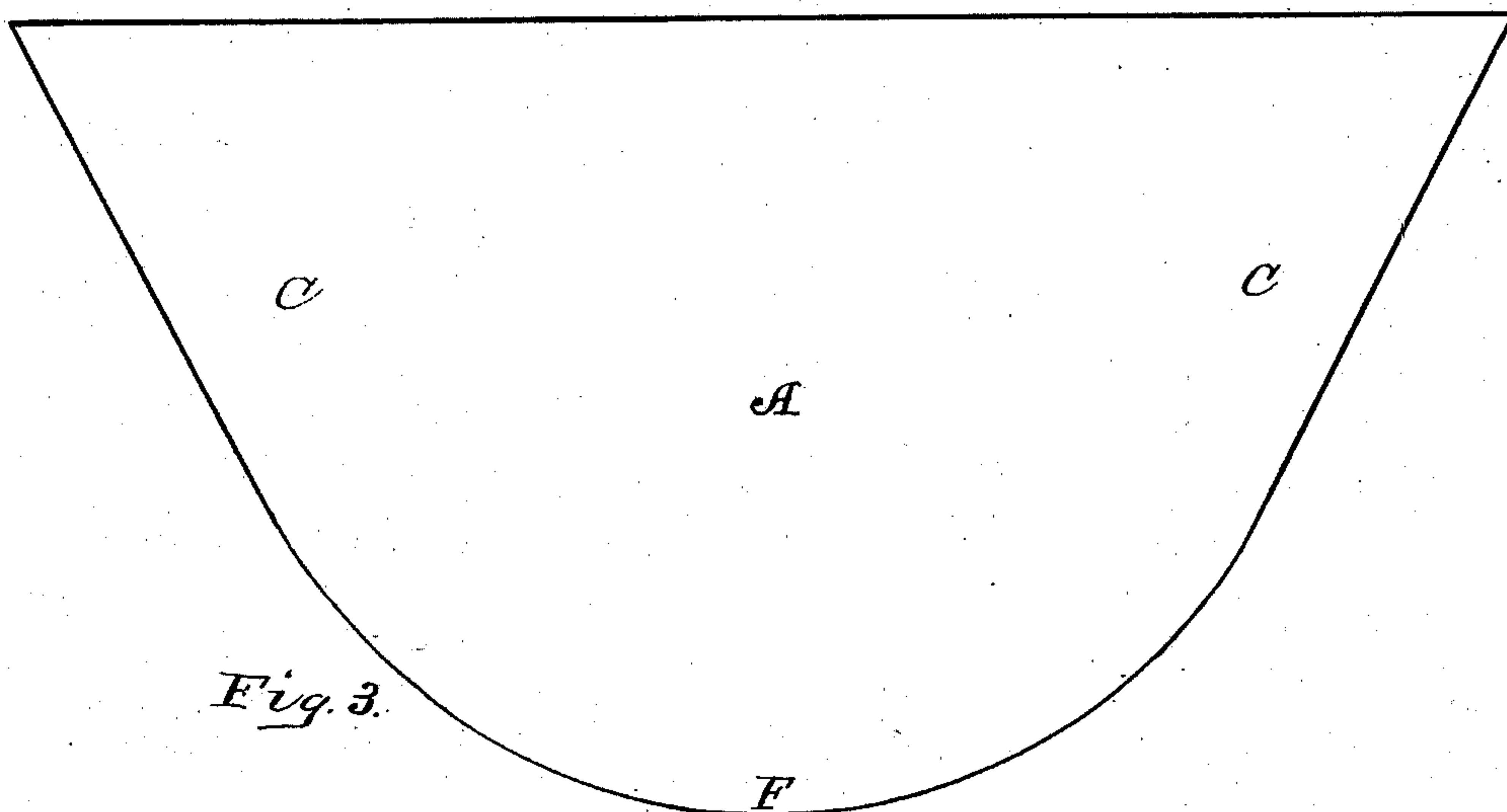
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2 Sheets—Sheet 2.

W. P. MYER.  
Elevator Bucket.

No. 238,801.

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Witnesses:  
O. J. Bailey  
F. E. Zerbe.

Inventor:  
William P. Myer  
by J. S. Zerbe  
Atty.



# UNITED STATES PATENT OFFICE.

WILLIAM P. MYER, OF TERRE HAUTE, INDIANA.

## ELEVATOR-BUCKET.

SPECIFICATION forming part of Letters Patent No. 238,801, dated March 15, 1881.

Application filed June 28, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM P. MYER, of Terre Haute, in the county of Vigo and State of Indiana, have invented a new and useful Improvement in Elevator-Buckets, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a perspective elevation, and Fig. 2 is a transverse vertical sectional view of the cup through the lines *x* of Fig. 1. Fig. 3 is a view of the blank forming the front piece of the cup, and Fig. 4 is a blank showing the formation of the rear piece.

The object in this invention is to construct an elevator cup or bucket in such a manner that the flour or meal which it transports will not pack in the angles thereof; and it consists of two pieces of metal, formed of suitable blanks pressed in such a manner that the lower rounded edge of the back piece will be curved forwardly, and the lower edge of the front piece curved inwardly, to correspond with each other, so that their edges meet, after which they are soldered, and the cup thus formed being smaller at the bottom than at the top, and having the bottom thereof rounded, the flour cannot pack, as in ordinary elevator-cups.

In the accompanying drawings, A represents the piece constituting the front of the cup. In forming this blank the upper edge is straight, but the lower edge is circular, and the ends are cut so that they form acute angles with the top edge. The lower edge, F, is then pressed inwardly, and the ends also turned toward the rear to form the end walls of the cup, so that the edge C of the part A will meet the edge of the rear piece. The rear piece, B, is also straight on the upper edge,

and its length from end to end is equal to the width of the cup. The lower edge, F', also forms a sector of a circle, and is pressed toward the front piece, A, so as to coincide with the curve F, and the two edges are lapped and soldered, as shown at E. The side seams, C, are likewise soldered, forming a strong and durable cup.

The width of the cup below is much less than above, to obviate the danger of packing the flour. A metal band, D, encompasses the upper edge. This is simply forged, bent around the edge, riveted through the sides, and lapped on the rear side of the cup.

I am aware that elevator-buckets have been formed with seams at the rear and front corners; but I do not claim that as part of my invention. The special feature of my invention consists in forming the cup of two pieces, having the lower edges circular in form, pressed toward each other, and united in such a manner that no abrupt angles are made in the bottom of the cup.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

An elevator-cup formed of two pieces, the front part, A, having a straight upper edge, and the ends cut so as to form acute angles with the upper edge, the lower edge being circular in form and pressed inwardly, and the rear piece also having a straight upper edge, and the lower edge circular in form, pressed toward and lapped over the front part, and soldered, as herein set forth.

WILLIAM P. MYER.

Witnesses:

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W. F. BOSS.